Fujitsu recommends Windows® 7.

Data Sheet
Fujitsu CELSIUS H910 Mobile Workstation

High-end Workstation Power on-the-Go

If you need ultimate workstation performance in a notebook form-factor, the Fujitsu CELSIUS H910 is an ideal choice. This individually configurable workstation, comprehensively certified for leading ISV applications, helps you maintain an efficient workflow wherever you are. Your productivity is increased by instant network access thanks to multiple embedded connectivity features. A range of hardware protection and software security features provide additional peace of mind.

High-end workstation performance
Highest productivity thanks to mobile workstation performance
- Have a choice of ultra high-end or high-end professional NVIDIA® Quadro® graphics with up to 384 CUDA cores; boost productivity with second generation Intel® Core™ i7 Extreme processors with vPro™ technology

Superior performance and reliability
Higher productivity and speed thanks to larger screen and second HDD
- 43.9 cm (17.3-inch) Full HD LED backlight display and RAID 0 support with integrated second HDD

Unlimited connectivity
Online anywhere, anytime
- Optional integrated WLAN, 3G/UMTS and Bluetooth®

Ultimate security
Protect your data from non-authorized access
- Integrated SmartCard reader and fingerprint sensor

ISV certification
Excellent performance and absolute stability in professional environments
- Comprehensive certification for workstation applications under Microsoft® Windows 7

Fujitsu recommends Windows® 7.

Components

Processor	Intel® Core™ i7-2920XM processor (4 Cores / 8 Threads, 2.50 GHz, 8 MB)	
	Intel® Core™ i7-2960XM processor (2.7 GHz, 8 MB)	
	Intel® Core™ i7-2860QM processor (2.5 GHz, 8 MB)	
	Intel® Core™ i7-2820QM processor (4 Cores / 8 Threads, 2.30 GHz, 8 MB)	
	Intel® Core™ i7-2760QM processor (2.4 GHz, 6 MB)	
	Intel® Core™ i7-2720QM processor (4 Cores / 8 Threads, 2.20 GHz, 6 MB)	
	Intel® Core™ i7-2640M processor (2.8 GHz, 4 MB)	
	Intel® Core™ i5-2540M processor (2 Cores / 4 Threads, 2.60 GHz, 3 MB)	
	Intel® Core™ i7-2620M processor (2.70 GHz, 4 MB)	
	Intel® Core™ i5-2520M processor (2.50 GHz, 3 MB)	
Operating systems		
Operating system	Genuine Windows® 7 Professional 64-bit	
Operating system compatible	Genuine Windows® 7 Professional 32-bit Genuine Windows® 7 Professional 64-bit Genuine Windows® XP Professional Genuine Windows® XP Professional x64 Edition	
Operating system notes	Driver support for Microsoft® Windows® XP Professional / 7 Professional	
Memory modules	2 GB (1 module(s) 2 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM	
	4 GB (1 module(s) 4 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM	
	8 GB (1 module(s) 8 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM	
Base unit memory	**CELSIUS H910 2 Core**	**CELSIUS H910 4 Core**
Supported capacity RAM (min.)	2 GB	4 GB
Supported capacity RAM (max.)	16 GB	32 GB
Memory slots total	2	4
Memory slot type	DIMM (DDR3)	
Hard disk drives (internal)	2x SSD SATA, 512 GB, 2.5-inch, full disk encryption	
	2x HDD SATA, 7200 rpm, 750 GB, 2.5-inch, S.M.A.R.T.	
	2x HDD SATA, 7200 rpm, 500 GB, 2.5-inch, S.M.A.R.T.	
	1x SSD SATA III, 128 GB / 1x HDD SATA, 7200rpm 500 GB, S.M.A.R.T.	
	1x SSD SATA, 128 GB / 1x HDD SATA, 7200 rpm 500 GB, S.M.A.R.T.	
	1x SSD SATA, 20 GB / 1x HDD SATA, 7200 rpm 500 GB (Intel® Smart Response Technology)	
	SSD SATA, 512 GB, 2.5-inch, full disk encryption	
	SSD SATA, 256 GB, 2.5-inch, full disk encryption	
	SSD SATA III, 128 GB, 2.5-inch	
	SSD SATA, 128 GB, 2.5-inch, full disk encryption	
	HDD SATA, 7200 rpm, 750 GB, 2.5-inch, S.M.A.R.T.	
	HDD SATA, 7200 rpm, 500 GB, 2.5-inch, S.M.A.R.T.	
	HDD SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T., full disk encryption	
	HDD SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.	
	HDD SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T. (Windows® XP optimized)	
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software.	
WLAN (optional)	Atheros Minicard b/g/n	
	Intel® Centrino® 6205 802.11 a/b/g/n	
Wireless technologies		
Antennas	2 Dual band WLAN antennas, 2 UMTS antennas	

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Wireless technologies	
WLAN notes	Import and usage according to country-specific regulations.
3G/UMTS (optional)	Sierra Wireless Gobi 3000 (UMTS downlink speed 14.4 Mbit/s, UMTS uplink speed 5.76 Mbit/s)
Bluetooth (optional)	Bluetooth 3.0
Display	43.9 cm (17.3-inch), LED backlight, (Full HD), Anti-glare display, magnesium, 1920 x 1080 pixel
Optical drives	Blu-ray Disc™ Triple Writer
	DVD Super Multi

Base unit	CELSIUS H910 2 Core	CELSIUS H910 4 Core
General system information		
Chipset	Intel® QM67	
BIOS features	BIOS based on Phoenix SecureCore	
Graphics		
Max. resolution external display	2560 x 1600 pixel via DisplayPort and Dual Link DVI	
Graphics brand name	NVIDIA® Quadro® 3000M, NVIDIA® Quadro® 4000M, NVIDIA® Quadro® 5010M	
Graphics features	DualView	
Graphics card notes	NVIDIA® Quadro® 3000M: 240 cores NVIDIA® Quadro® 4000M: 336 cores NVIDIA® Quadro® 5010M: 384 cores	
Dedicated video memory	2 GB (GDDR3 VRAM)	
Interfaces		
DC-in	1	
Audio: in	1	
Audio: out	1	
Internal microphones	1 digital array microphone	
USB 2.0 total	3	
USB 3.0 total	1	
VGA	1	
DisplayPort	1	
Ethernet (RJ-45)	1	
Kensington Lock support	1	
Memory card slots	1 (SD/MS/MSPro)	
Express card slots	1	
SmartCard slot	1	
SIM card slot	1	
eSATA	1	
Wired communication		
LAN	10/100/1000 MBit/s Intel® 82579 LM	
Keyboard		
	Spill-resistant keyboard with number block	
	Number of keyboard keys: 104, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm	
	TouchStick (optional) Touchpad with two mouse buttons and scroll via fingerprint sensor Second set of mouse buttons EcoButton LockWorkstation button MobilityCenter button Fingerprint sensor	
Multimedia		
Audio type	On board	

Multimedia	
Audio codec	Realtek ALC269
Audio features	Stereo speakers, Internal microphone
Camera	Optional: Built-in webcam, 2.0 megapixel, VGA camera
Power supply	
AC adapter	19 V / 210 W (11.05 A)
Rated voltage range	100 V - 240 V (AC Input)
Rated frequency range	50 Hz - 60 Hz
1st battery	Li-Ion battery 8-cell, 5.800 mAh, 84 Wh
Battery features	Dynamic charge supported (rapid charge)
Benchmark	Mobile Mark 2007 (readers mode e.g. surfing the internet, writing E-mails, viewing documents)
Runtime 1st battery	up to 3 h
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	417 x 287 x 33/44 mm
Weight	4.25 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	5 - 35°C
Operating relative humidity	20 - 80 % (relative humidity, non-condensing)
Additional Software	
Additional software (preinstalled)	Adobe Acrobat Reader Application Panel Display Manager EasyGuide online user documentation Nero Essentials S (burning software) Norton Internet Security (incl. Firewall) 60 days version Power Saving Utility ShockSensor Utility SmartAccess Plugfree Network Fujitsu Recovery (Hard Disk Based Recovery) Microsoft® Office Starter: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®. Buy Office 2010 to use the full-featured software.
Additional software (optional)	Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS)
Manageability	
Manageability technology	DeskUpdate Driver management iAMT Intel® Active Manageability Technology v7.0 (not activated, not set up) Intel® vPro™ technology
Manageability software	DeskView 10.x client management including:
DeskView components	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration
Supported standards	WMI PXE BootP (made4you) WoL (Wake on LAN)
Manageability link	http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html

Security				
System protection	Kensington Lock support			
Audit proof protection	Advanced Theft Protection Computrace® enabled BIOS Optional: Trusted platform module (TPM 1.2) Norton Internet Security (incl. Firewall) 60 days version			
Access protection	Integrated Fingerprint Sensor Separate SmartCard slot Hard disk password User and supervisor BIOS password	Integrated Fingerprint Sensor Separate SmartCard slot Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password	Integrated Fingerprint Sensor Separate SmartCard slot Hard disk password User and supervisor BIOS password	Integrated Fingerprint Sensor Separate SmartCard slot Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password

Compliance	
Product	CELSIUS H910
Germany	GS
Europe	CE
USA/Canada	cCSAus FCC Class B (depending on wireless configuration)
Global	RoHS (EU & China) Medical EMC standard IEC60601-1-2 in combination with medical kit ENERGY STAR® 5.0 in progress
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/

Port Replicator interfaces (optional)	
DC-in	1
Power on switch	1
Audio: line-in	1
Audio: line-out	1
USB 2.0 total	4
DisplayPort	1
VGA	1
DVI	1
Serial (RS-232)	1
Ethernet (RJ-45)	1
Kensington Lock support	1
eSATA	1

Warranty	
Standard Warranty	3 years (depending on country)
Service level	Collect & Return Service / Bring-in Service (depending on country specific requirements)
Maintenance and Support Services - the perfect extension	
Recommended Service	5x9, Response Time: Next Business Day
Service Weblink	http://ts.fujitsu.com/Supportservice

Recommended Accessories

Microsaver® DS Ultra thin		The Kensington MicroSaver® DS Keyed Ultra-Thin Notebook Lock is designed for the ultimate defense of even the thinnest notebook. The nearly impenetrable disk style keyed locking mechanism along with an advanced cable design provides greater security.	Order Code: S26361-F1650-L900
Privacy filter		Privacy filters help block the screen view from anyone viewing the computer from a side view. 3M's unique microlouver privacy technology allows persons directly in front of the computer to see on-screen data clearly. 3M offers the broadest line of computer filters available.	Order Code: S26391-F6097-L144
Prestige City Trolley 17		Aluminum trolley handle with optimized wheels for smooth rolling, a separate front case for power supply and cables and a heightened compartment to accommodate e.g. clothes for a overnight stay. For Tablet PC and Notebooks up to 43 cm / 17-inch. City Trolley is designed only for transportation of laptops, clothes and sanitary belongings in the city environment (up to 10 kg).	Order Code: S26391-F1191-L130

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More information

Fujitsu platform solutions

In addition to Fujitsu CELSIUS H910, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products
www.fujitsu.com/global/services/computing/

Software
www.fujitsu.com/software/

More information

Learn more about Fujitsu CELSIUS H910, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://ts.fujitsu.com/celsius

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT.
Please find further information at http://www.fujitsu.com/global/about/environment/

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2011-11-02 CE-EN

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